Inaugmal Essay

Deterium Tremens

by

Joseph Leuce a.M.

Dhian Dew 122.

Philad & Dee 1828.

"O had men should feet an enemy in their manels to stead away their beaut!"

Shots

The subject of the present Their has been recognized and tested by medical militis under the converse and vague appellations of deliceron tenency maries a politi, maries limited the four and others. Instead of enumerating the stagestime to the above appellations, by a consideration of the conjunct as made placed life of such terms, of the conjunct are might and inspection to the claims of privilege or authority adopt that earns which appears to me the most unexperience to

That the matter of these pages may be surly appreciate, it is profes that I should premise by stating that it is the senset of presence of consistent make desired a set it is in the mode and apparement of the International May represent these there is the form desired them attended to the modes there is the form desired in the form desired in the form desired of the sense in the form desired of the sense in the form desired of delicional tensions, they may be considered as an animome, in the openion that it is produced as an animome, in the openion that it is produced.



It is a law in the animal seconomy, that as the institution becomes habituated to any sternalus the

effect of that themulas decreases to preserve and intimue the effect originally personed by exact of

thousing it is newpary to menene the quantity of it of the system shall have been influences for a long

prior of time by the prequent and increasing quantity of stimulus and this stimulus be absurbtly

withdrawn or suspenses, the system sinks to a deque more or left below that which would otherwise

constitute a state of health.

There is nother law not less general him ha mules viz: that the system peopless an inherent power variously denominated vis medicating, wis vista va, and it is equally actain that when morals are made upon the natural and healthy organs by stimule in other causes, this proces in

by whatever name it may be called is excerted to a



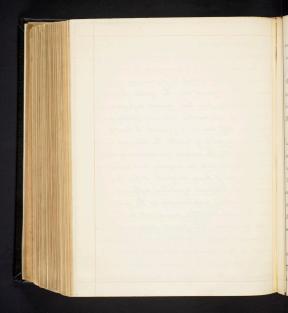
entain extent to control and accomposate the system to these more is impressing. To the law or prover of the system is generally attached an indexpendent and actional agency what I understand by it is merely a disposition in the constitution to account from disease and in its operations have more from disease and in its operations have more zing with the general laws of the animal economy

on the illustration of these laws and their afor plication to a diseaser that of the system, the efperts of an habitual and immorphish use of acdent spirits may be exten.

If we administe to a stemach in accusation to the alceholic impression a certain quantity of the liquid, the first-effect produced is that of a difficieble stimulant as connect by a general and presentational experience of the agains and functions generally and of some more particularly; from the close and acady sympathy spiriting her time the stomach and brain in a healthy thele, the functions of this letter again are especially stimu



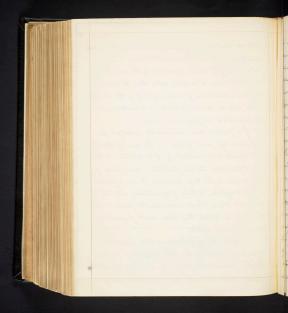
water and subsequently depreper or imparied. In consequence of the excitability or susceptibility of impers. in becoming obtained, it is meetary to increase the quentity of arrent spirits to prome an effect squel to the original one: The system Thus alternately suffering from these opposite imprefront calls forth all its recuperatory and accomplishing powers to surtain itself even in an approach to health_ of in this condition of health, the stimulus be not dealy abstracted, The cerebral and nervous system will be thrown into an inequal and syciler ac = tion, because if Imay so speak, it has been de= puris of its artificial regulating influence: and cateris paribus, proportionably as the hystern has been dependent on this power, will be the te = outy Experienced. The precise manner in which The neverus system is affected and its functions ranes in this disease is not fully understood, non can we expect to pronounce positively and definitely on the pathology of many of the diseases



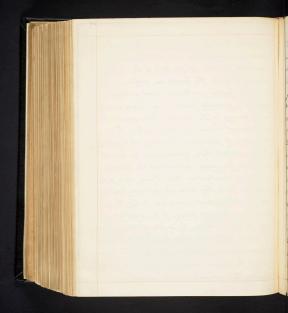
motell it anatomy and physicopy are more throughly investigated. I sower preserved it may seem, it filled, that this desire is produced by the absence of the amount creek a in other words, that the immoder sate and hebital our of arient sprints is the comote creek and his terran expertion a descriptionance the immoderate is programate cause.

If a patent has immoderately indulged for a question life private of time in the last of specialization to his would quantum he has partialed more freely of their prison a few very previous to its estation or intrimiferon, a term of symptoms which he doubyer which shell subservers to present in the order in the order in which they have most frequently recurred to my protice.

After the exhiberating and immediate deprepring exects of the showall have paper off, the patient complains of ment of appeliate hauses, sich head ash; his accustomer descript



is solicated, thist for wale is sytreme, the evente nance is angious, trugue is slightly Juned, it's symptoms generally presend those having a more direct bearing on the disease, Shave viewed then as emegaent on hard drinking nather than symptoms of Delinium Tremens; at least Thave seen all there appearances in dunk = airs who have more represented the disease and Sam Equally sure that there seen a few cases in which they have all been comperatively essent. The patient new returns to ber, but is rustless and cannot sleep; if he dozes it is mly for a short line, he sweenly starts from his pillow with a choking sentation an arund by some appalling duam; tumors of the anuso cles of the Engue such and hand now become visible, these afterwards become general -



This state of the news although not a uniform attendant on the disease from in a very large majority of cases one of its diagnostic characters. To these symptoms succeed strange sensations, groundless frans, quest nothespress and constant watchfulrefor these things continuing a vay or more according to the particular circumstances of the case, a delinem of a peculiar charace. the now ensure. The patient fancies a thouse and imaginary will; he is in incerpant notion, throws his ber dother about hime, picks at maginary things, converses with wheel personages; he will call on the illen : dant to protest him from the machinations of individuals who are bustling his life - Satur and his followers are not unfrequently the herres of his vision: if not confined he will walk wildly about his room, dup himself and deman? his fruiton, Mating the acapity of his purmed attendance to his affaces.



These hallescenations are almost uniformly, gan unplessant character to the patient, in one thetanes only have I seen so exemption in this surprise.

with this disorder of the united freetions, The changes take place or previous symptoms become aggrerated. The hear is pur tunaturally hot; the eyes are more mil, the this is tometimes natural a bether in a propule puspiration - the pulse is full, com = pufible and somewhat accellerated. The tongue vivies in its appearance; in richest cases there sun it of a blowsh aspect, recasionally my and nacked - in a few instances it has continued morist and maturel, the breath is generally Hension. The stomach in general, will rewere it ingerta, at other times it is mitable and repulsion. of their coupert with the delies um an acute inflammation of the please or any other tipere, the patient for the most part



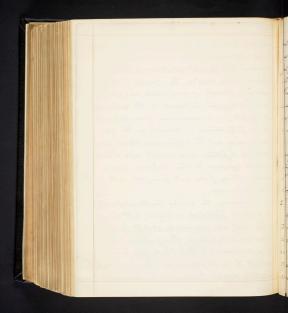
insist on his person from prin: translines he menisperts pergysoms of astonishing throughth, these however are of that duration and are official by a componion that are 15. pumps sould be in grantly bound of any are to be the course of menists of ingestion represent which give the menists in herough affecting as and facilly in reath.

Treatment. Priving more of tratment have been atoples and recommenced by referent authors according to the properties must they have suffered by my intention, to content to a construction of the ments in remember of the reasonings and argument which have been advantaged by Prancies to pupper their brunches of Prancies to pupper their brunches of the private orders. There is provious a pathological doctors which have been avoided by Deflet surge and their which have been avoided by Deflet



and celculated to do spential harm, in as much as its deferminators are individuals who surtain distinguished reputation in Their proplan. They consider the disease to be an absolute phunites or encephalitis and advocate in antiphlogistic heatment to the expeliation of opiates. a consideration of an opposite more of heatment as detailed in the ap. hunter eases and the appearances which port morten dipections have wealer will I trust without reference to other evidence prove meh a theory false and fraught with wil tendencies.

transity the emitre treatment from 22? In a justice petertry is trught by 20 htelps of this site, has universally a option in the same transformary. This prestree his been expressed by their March may be on a site of the most pepular and which is at present trept by supplies the property of the linewisty of same perfect by supplies the property of the linewisty of same of same of the linewisty of same of

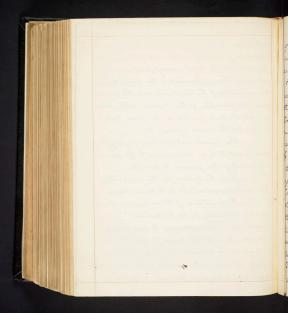


with a view to the treatment; but a recover to present in grant terms the indications to be pelpitto and the most present to the alterning them as precious to the almost fraction of the minutes of the meating and the recognitional completestion of the dream with a consuperficient more present onthe a consuperficient of the course orthe terms in the cause of the

The means end remedies employed may be and to be in reference to the accomplishment of the general indication.

1th to prepare the system for the respection of these amedies estudiated to induce these means most presently officially in its production.

Pergatives. In milt cases it was assured to administe a gentle purge to fair the branch and furface the strongent to the meaning officials. Somme and a mental table mes very sommen a purge of saloned with one grain



of opium follower by half an owner of oil has not unusual, when the live was topic ent the secretions generally deficient. In some violent cases it was dumed gener relly prepartle to administer in enema, that no time should be lost before the sighibition of opiates. Rhubert will be found her culiarly appropriate in this disease, as it ope: ration on the bowels is but dightly in fluenced by narcotic articles. During convalenceman, the cortion disposition should be guarret against by mito layatives an't snemata. Cold affusion. During the term of my junion. thip, my senior in office prequently hubjected thon cases of violent delirium when not contrainscited to the operation of the cold shower bath, with the Effect of reducing the imperative of the hear and undering the de: linium less violents . There thought that Thiste arministers after this operation retor more



officially. In the venter season for stooms reasons to both mes not and - cell not clothes applied to the head and an acasimal het peditioner prove an equillant substitute.

Blistons. a blister applied to the nape of the neck a sinspirms to the extremeties by disca. ting the circulation of the blood from the brain from of Epential service. . a blaster or mustwo plaster was occasionally applied some the spigasticum to compose an initable stomach or to anoker its sensibility to the operation of internal remedies. In the congestion stage a after serous Efrican had supervined, this dap of remedies was invainably has recourse to Blood- letting. of venesection I wish to speak more particularly. Meeding was seldom prace treed in this disease unlip there was unes privocal evidence of an approaching apoplery, injection or inflammatory complication; under these circumstances it was looked upon rather



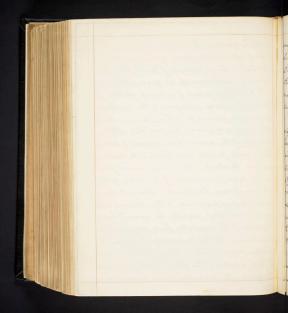
as a choice between this wide. The abeliastic of a few owners of blood by early was generally proposed to desplation from the new here were wearfully applies to the back of the back to prefer out to the rough, as considering on their properties of the properties of the properties of the patience. They seemed to not the a principle of legaluses who is all, when the house with president of the fully stanisfied when the their was not pully stanisfied.

They who would advocate remesection under the idea that the disease is phienistic will find something in the history of the following case to broader at a direction.

Fame is at present residing in the selms thouse a men of a retweet pame by the name of Charles Paneast, this has been the make just of rivetten moupine allacks of Selvinium Tuneas in two allacks only may be the and in these was he

100 1.00 0 1. 61 1/2 10 me 10 x x

treated by spirites - of his brain has been the ust of inflammation during each parayom, he is at least a living soidence of the antiphlogistic howers of neacoties generally and open particularly It has been a subject of controversy whether Herring in patients predispress to this complaint hordered or increases the "Thave been a patient, who to use a oulgainem has been bled into a pergyam of this disease, whom snergies is not Her I would probably have fortified the system egainst the attack. The evidence derived from in a priori "consideration of the nature of this effection farmers this opinion. Loss not an exproach a approximation to this disease and from a cause that debilitates the system? Is not the power of the circulatory officed very great in maintaining the Ors midicating to oppose the puther morbed sfeels of this debilitating cause: of then, a portion of this fluid be abstracted from the ryptim, this removating power becomes more



impaired; the operations is destined, the mach bid tendency presents and the phenomena of Selice French of the fract the sheeter of the spect the lancet with much crution traced that patents as more in temperate and provided admitted as more interperate and provided admitted.

I come now to the consideration of that dep of umeries which should be administered to meet the second and most important indi: cation, the mentful Effect of which has been times a sine qua non "in its cure. Opium. The state of power has the most common from in which this dung was a min isteres. The amount of opium necessary to ensure success varies to much in different individuals, that no specific rule can be laid down. The only rule by which we are to be quiced, is to Exhibit the nevertic at short intervals, untill a disposition to sleep is manifested or untill symptoms of ingertion apopling or other



contraindicating effects or appearances arise, when do use should be suspended or discontinued and wourse has to other measury. It was usual to direct 3, 4 n even o grains somy hour or two aunding to the violence of the disease and habits of the petiens. after two or three down have been taken, it is all important that the attendant or physician thould carefully natch the patient to observe the effects of the memoring dones. When the longue or skin is dry combined with a small portion of the blue miss or calomely by stimulating there secretary surfaces will dispose the system to be more readily acted upon by the narcotic. a few digs of the oft-Subinthine administered simultaneously with The hareotic will in some insensible states of

to including to the nearthe action. On the the there where from the form of the sound the private the spirite

the stomach prove decidedly heviceable by arousing



impression can not be the communicates to the system, the spieum or some our of its preparations may be ophibited in the form of an enemy, thus director the presenter effect will some homes be happily operated.

After a sound and reperhing sleep of sign as soulon brown has been oblived has an informaly to my observation the patient has an informaly anchored with his mind prefetty some is a very thingsty confined. For each some in the highesty confined to account of the delicition of the delicition of the delicition of the special against by the explication of 2,3 or more grains of from at bed time.

The section and touch their mere consisted mith the decade of the patients. The facility with which they may be deceased in this respect and the left hability of the former to offend the stomach and dichely the head are advantages which have some circumstances it may hopely over



the powrent opium. Dr. Coales who advocates in thing terms the opiate practice thates in his wallest heatise on this discare, that he has never seen, read of, a heard of, an instance in Shich it (spium) was prosuctive of any harm! It may not be improper to remark that from inattention to the rules for aministering this remedy, from the letent accumulation of its effects in the system and its midden developenent a from some other cause, two a there patients were brought into immenent danger as muniferted by all the bym ptoms consequent on an overdon of this drug. - C, an agent in the alms struck but at tuker with Delis, Fremens; his delirium moving very violent, 20 drops of black-diff has Ephibeted roug how - This treatment was arhurd to for 8 days in necession, when thepa susued; his respiration now became the. terous, face lived, capillery circulation al=



most majorites: the parette has simulacitly discontinued and recover had to blankets dipped in hot water and applied to the surper; hot bricks, estrapsions, blaster, thimulatry Exemple here also and, and in leftion in home, hatter so far Responded to our stocks as to Exalle the petitist to make about and what was most remarkable, his about and what was most remarkable, his about and what along the him.

Assafateta, Camphor, Humatus Ivap &c. all their articles were more to lep complexed in combination with opium or its proposections, but fam more with the another offer was improved: In this semente purhaps the camphon when it this net be included, as these weeks in some expansion of the system conference with or the system despetits of the system conference with or the prince with a system despetits of the system conference with the firem display way desi-

Stimulants and Tonies. In virtual romiting there seen a depertupormful of brandy or Muckey



gives at that intervals compose the stomach after all the usual remedies had factor, When the system is much reduced, delirium violenty thin and tongue moist, public meak end wift and expecially if the patient eagerly Wints thintwows dunks; brandy a tome other species of alcohol may be taken in some instances to a very quat-extent, with the effect of with opiates in the production of sleep - on a majointy of cases Porter has fruly drank by the habites to the exclusion of ardent-spirits. The dut- thout be of a mountaing kind; care is to be observed however that he do not own low the stomach, especially when there is a tendenoy to emgestion in the brain - Chicken tout moderately species or the spence of but and the farinaceous articles may constitute the diet The is very grateful to the patient and from Its invigacting powers arrows well. During con-



extensive in addition to the above, but he of all the facilities which are finger that are involved to towns in restoring the dijection appearates and impacting thereof to the general system.

The are observed to the following case, have a reference to their degree of severily and haven of termination; in this way, the chance to and management of the director will be host illustration.

Vat Davis armitted June 13th 1824.

Symptoms on a mispron. How ground himses, must inclimate, very witheft, stutimenters of theory to have proving pain, then day and books full-ord, sym injuster, pulse frequent and har, brails orthon. Denotes Jenna tea, cups to back of hear, polarared by ord applications—hot ferellucium.

Evening Found his head relieved by the cup, Nein moist, ingue natural - Denited acet Opic gatt I.



"Apone some last right, thick has diminished his loom 20 delivious. Sucreted small down of acet office wing the day and xxx deeps at hight bother for death I histall right and is now quite same.

Colonel John Pluck. armitted Sang 13th 1827.

Symptoms. Face flashed, head holy then warm and sty, pulse accellenced to try me fail, has some termine and is flightly at interval. Decents cape to back of back and a funge of John and Magnas.

The quite instance are night and is now very table attor and author his instance on the subject of batter, has by flush of face, discharges very dark and effective, futer full terms abold, pupils some

Directed

A But & aparated 31 3p rong hour ag month 31

being Telicum continue, thin nearly purposable Ducles Pulve this go V 9. t.h.

5th after laking 3 proving sleep mones which laster for Showy when he was accidentally surkered - seems



49.

honory and inclined to sleep again, treeded offering good borning. Has been also prearly all Eay and is now witness.

Rob + Perenck at 28 amitte much 15th

This patient has been the frequent subject of Selin Tremen his attack have been armodocopte for their proving and smaller: in one paragraph his reason was not nectical water by weeks.

dissipations. Has all the signs that characterize the sacress, is in constant systetim, amongs by black direct and cate that are jumbeling about his arm. - Bosoner dural by an enema last night togue movies and coster with a light brown free Lieuales but their year, gibb. Porter for durab.

Evening. Les teken of however, mind is man compress who seems, Lincold the common snorms of the bound a large operate to be summarietely proce. The terroring found him is a seperating their and his more distribution than 2 separation that are distributed from 28th the surch at surce quite

national Directed an opiste at night.



Anterem Anterson. 2623. Assultar march 5th 1828.
elymptome. In willip, has no delicarm, eags he is trenthe with disappresse decamp, passing perpendy. But a
is sep- out fact, tragere weeky noticed.

Sirely tothe for wink me grain of them giber boungs and training agree he theft some, but and both or feel to the calcium, he raped his wine for the first time line geterory maning. Furticath emotions to be helper Decease. Ofice puts prif gibe.

That a little efter between ggs. July is diff and colon ofter the browds one opened the prespection deminished. Deceted. Their puts griss go he . There to denie for grows at the content of definition continues, concerts that he will thatly die, but is somewhat reconciled to his fate complains of head sech at Deceted Opin you wo go he.

In informed by the women that he slept about 4 forms often he had taking 12 gos. When he and he would Directed Oli Etern



the spicers to be deniced of the its special him in an action of period him in an alline expensive of great trees bothers himself agreet the best it was about to each him. Deceled this in it was about to each him. Deceled this im gr V. It has informed that he book is provided, they now in provided the lets of house. He is now actioned and completed by securing of his sourceles. Discherged

Sarrite The use. 24.22. Fact habit of 650,
This patient was somether in a clinical train
False It with set inserted symptoms is famationed
blue had moved environmental and after corniforment
have puter being spot of decision for the continue.
By Satherm such as all decision of any to the heart
marketing and But help the start founds the start.

plante to shipsohium. Sient of 12 lof pie. 9 Sh. Secole Asterna 95 10 ft pie. 9 Sh. Sieces of on spirite momen. Som as die landere for diel. In the securing I frank her with all the



symptoms of Lelie: Tremens and director her seminal

to the cells. Solon frequent (15) but soft; sufren with home clean, purplish and

withen dry - it was newpary to chain her.

Ducted Pula opin gring gold

hight have in how bother in a profour perspection, tongue mosely purple contracted, pulse about 102, My beat most graphed. He is marginally priding at the fire and and as of these was small cipied before her proposed as he motions that one of the years mean present saturally throught the was picking up long have and training them around her forger. There have and training them around her forger there are not trained to the more and training the property there are not trained to the property there are not to the property there are not to the property the area of the property the second training the property to the property the property that the property the property that the property that

Upt accept all night and is projectly patient this maning skin simply salived complains of head who is house but sign he theret is not some

Fork yesterday 18 grs of opiam. It is conside.

reble tendersels of sprigattening.



Corner & Margan Mr 3; In praise and is in-

disposed to sleep. & Pulo: Their g: 18

the ass returned to the clinical ward and thouly

- Denty at 37 nomitted above 90? If full mination of flood to hear promotion of pain, into: herency of speech, centre of longue could with a hot pereluvium, out meal greet for diet. bound. Directed a purpe of Calonel & Salap. Potfin gott KL



"The discharge benefit away by the purze was of a stack stone, puter small and banzend, expellary executation also langual, purpose, evaluates, has some stee a per, her assus well sent in any persisten in which they are placed. Thirt great so specific

Simile can the mighter the species to externation, he had fifty. So flotge more saw her, a from of the treatment and return to addition, he head to be thered and bished, a stimulating more may for more species, put in a flashed and lived, pupils contracted to the size of a paid had, se prise to heaven, pulse improved. Evening, of about rational, owing horsely to the results of the size of a post property attends, owing hersely to the results of the size of actions to mean the size of the size

Directo Monutating fricting, exponent of amounts, but bricks 40 to Diet at seening. Laterpoise. Itemach of a light peak colour, mureus erat material as to thickness. Love manyer Brain. On cultury through the weeks, it repels



were found very much conjusted, the repels of the pix mater injected with dark venous blood on the surface and at the bosin base of the basin there was a little offusion. The fifth outticle was found greatly distended with pure serum - the the senticles mus fruits to contain more or less of the same fluid, the repels were also congested. Ellen Mooney at 30. of full habit Admitted Nov: 22 nd has been very intermperate for the last six months. Symptoms. This patient has several convulsions before her armision; for which she has been bled Face pale, hear rather warm, Eyes natural,

before her armispin; for which she had been bled from pule, head arther warm, eyes natural, refelling would tim languis, fat solo, pulm hat preseptible, respection hunico, speech in distinct and metheunt.

Quested frictions of Shit Reidenthina and race may the same combined with muchage, flying rinapipons, whickey to be fully decade. Evenions, I somewhat improved, puter well de-



outher, skin warm, no other change.

8 Slight some during might but is not experted by etg. has himses of his hands, eyes misseles, is more talk store, cries and lawyles alternately—

P.M. 3 o'clock. Is very partlep, throws of her benefither talks withly, tongen worther.

Directed Lac apapetera, External Himule 40.

autate of maphia gall every home. The died larly next morning.

Autopsis. Homach very much entracted patches of inflammation at its large extremely, in other aspects natural. Live large and flower

get the see large and filter with healthy belowtime bile has found in the themsech intertines ofther with gas, yelsen natural. Berin - healing offerin mes found between the scalp and period canium, the refer of the dura mater comes times that little store. The mater much injected, time seems was found in the westureless

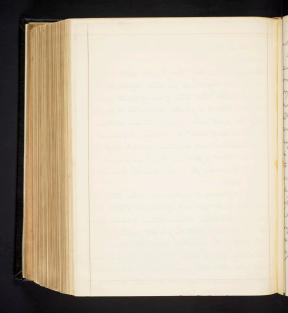


and at the base of the brain, its publisher was natural.

General Remarks. Fut purms with that makes and large heads an more dispirally of management them then of an openite organization; then is a greater disposition to engose them in such cases—hence we can selver my by an early result to revolving measures.

The decrease with sometimes develope itself decreases and acceptaged, and sometimes decreased in the decreases and acceptaged the mistaken for acute plumites and acceptaged the firster.

The progness is improvable when them is injection of the uper and continuous, of these property to and the presentation of the presentation of the administration with the quality contains. The Arts of the capillary excellent should be constantly left in view and is sum to be defended upon the the person that the general excellation; when the former is shall all and the latter set seen



55-

active, marcoties may be administered with safety Convulsions Thave racely seen and there weren to believe that they were of more frequent recurrence when the smitte treatment was in roque - Relaposes in this disease are more mild than the original attack. Dr. Ashmead, who evailed himself (during a residence of two years in the alms House Infire may I of every opportunity to symmine the hain in this disease, informs me, that according to the result of his observation, the congestion and effusion of the brain but in an mouse proportion; that he occasionally found an spacity of the acachnois membrane especially at the base of the brain indication of chronic inflammation: he further states that he has mon witheful an acute phlogons of that agan, in patients who here died of this disease

